What is claimed is:

1. An automatic power conservation method for an optical media, comprising:

5   using a host inference of the optical media to turn off a plurality of circuit components that are still in operation after the optical media enters a sleep mode, and thereafter the host inference also being used to response to an external signal;

using the host inference of the optical media to wake up the plural
10   circuit components if the external signal requests the optical media to leave the sleep mode.

2. The automatic power conservation method for an optical media of claim 1, the method further comprising:

using the host inference of the optical media to successively turn off a
15   micro-computing unit first, and then the other operating circuit components.

3. The automatic power conservation method for an optical media of claim 2, the method further comprising:

using the host inference of the optical media to successively turn off the
20   micro-computing unit first, a RAM arbitrator, and a DRAM.

4. The automatic power conservation method for an optical media of claim 3, the method further comprising:

using the host inference of the optical media to wake up some of the plural circuit components first before the micro-computing unit being
25   wakened up.

5. The automatic power conservation method for an optical media of claim 4, the method further comprising:

using the host inference of the optical media to successively wake up the RAM arbitrator, and finally the micro-computing unit.

30   6. The automatic power conservation method for an optical media of claim 1,

the method further comprising:

using the host inference of the optical media to response to a signal sent from a host connecting to the optical media while the optical media enters the sleep-mode.

7. The automatic power conservation method for an optical media of claim 6, wherein the host is a personal computer.

8. The automatic power conservation method for an optical media of claim 7, wherein the signal is an ATAPI command signal.

9. The automatic power conservation method for an optical media of claim 8, wherein the ATAPI command signals include a Test Unity command signal and a Request Sense command signal.

10. The automatic power conservation method for an optical media of claim 8, wherein the optical media is being waked up and exits the sleep mode using the host inference of the optical media while the signal sent from the host is not one of the following: the Test Unity command signal and the Request Sense command signal.

11. The automatic power conservation method for an optical media of claim 1, wherein the host inference responses to the external signal inputted through a panel of the optical media when the optical media is entering the sleep mode.

12. The automatic power conservation method for an optical media of claim 11, wherein the signal inputted through the panel includes the signal generated by pressing an external input button of said panel.

13. The automatic power conservation method for an optical media of claim 12, wherein said external input button is one of the following: a play button and an eject button.

14. An automatic power conservation device for an optical media, featuring:

a host inference of the optical media having a firmware embedded therein capable of responding to an external signal inputted from outside the optical media.

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